532nm Raman Hyperspectral imager

532 Raman	
Optical	
Spectral range	532 to 596 nm
Wavenumber range	0 to 2000 cm-1
Dispersion	9.5 nm/mm
Spectral Resolution	10 cm-1
Image Size (mm)	8 x 8
F#	1.2
Magnification	1
Slit size	9mm tall x .03mm width
Optical input	telecentric
VPH Grating Efficiency	85% @ 550nm
Aberrations	
Smile	< 5um
Keystone	< 5um
Mechanical	
Size	60 x 60 x 190mm
Weight	
Lens/ camera mount	C-mount
Camera	
Model	sCMOS
Array size	800x600
Pixel	16um
Frame Rate	63fps full frame
Data Output	USB 3.0

